REMARKS

Claims 1-45 are pending in the application. Claims 1-45 stand rejected. Claims 13-17 and 36-40 are hereby canceled. Claims 1 and 24 are hereby amended. Applicant respectfully requests allowance of the claims.

Claim Rejections Based Upon 35 U.S.C. § 103(a)

Claims 1-45 stand rejected under 35 U.S.C. § 103(a) as unpatentable over U.S. Patent No. 5,511,199 (Anthias et al) in view of U.S. Patent No. 6,081,832 (Gilchrist et al). Applicant respectfully traverses the rejections for the following reasons.

Amended independent claim 1 requires receiving a pointer to a message to be transmitted from the first process to the destination, generating a tag associated with the message object transmitted from the first process to the destination, and storing the tag in an outbound message vector. Advantageously, the outbound message vector of claim 1 allows for no-wait messaging schemes (Specification, page 10, lines 1-20). Neither Anthias nor Gilchrist separately or in combination teaches or suggests the limitations of amended claim 1 which provide for no-wait messaging. Additionally, the Office Action (March 24, 2003) rejected claims 17 and 40 based on Admitted Prior Art (APA). However, the cited APA indicates that the RMS shell *incorrectly handles no-waited messaging* (Specification, page 3, lines 28-29). Thus, the APA does not include no-wait messaging but rather indicates a problem in the art that the method of amended claim 1 solves.

Amended independent claim 1 also requires determining a transport protocol at run-time for a message object based on the destination information wherein the destination is on a second computer. Anthias discloses a first computer program that calls a generic send message function

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to map a message into a format required by a second computer program (Anthias, col. 2, lines 30-40). For instance, the interpreted nature of Smalltalk allows for flexible prototyping as compared to the compiled nature of C++. The system of Anthias would allow for Smalltalk protyping in conjunction with C++ code. However, Anthias does not disclose the second program on a second computer. Claim 1 advantageously allows a system administrator to alter a transport protocol without recompiling or modifying code (Specification, pages 6-7, lines 25-30 and 1-5). Such a messaging framework benefits client/server applications for the Tandem Guardian environment.

Amended independent claim 24 contains similar limitations as claim 1 and is therefore allowable over the art of record. Dependent claims 2-12, 18-23, 25-35, and 41-45 contain limitations that render them separately allowable over the prior art. However, a discussion is unnecessary because the dependent claims depend from allowable independent claims.

CONCLUSION

The claims in their present form are allowable over the art of record. Applicant therefore solicits their allowance. Any fees in addition to those submitted may be charged to deposit account 21-0765.

Respectfully submitted,

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SIGNATURE OF PRACTITIONER
Stephen S. Roche, Reg. No. 52,176
Duft Setter Ollila & Bornsen LLC
Telephone: (303) 938-9999 ext. 15
Facsimile: (303) 938-9995

Correspondence address:

CUSTOMER NO. 28004
Attn: Harley R. Ball
6391 Sprint Parkway
Mailstop: KSOPHT0101-Z2100
Overland Park, KS 66251-2100